

ABSTRACT OF THE DISCLOSURE

A control apparatus for an internal combustion engine having a plurality of cylinders and a cylinder halting mechanism. The cylinder halting mechanism switches between an all-cylinder operation in which all of the plurality of cylinders are operated and a partial-cylinder operation in which at least one of the plurality of cylinders is halted. Operating parameters of the engine and the atmospheric pressure are detected. The cylinder halting mechanism is controlled to perform the all-cylinder operation or the partial-cylinder operation according to the operating parameters of the engine and the detected atmospheric pressure.